GOVERNMENT OF INDIA
ENVIRONMENT, FORESTS AND CLIMATE CHANGE
LOK SABHA

UNSTARRED QUESTION NO:2577
ANSWERED ON:15.12.2015
Pollution by Diesel Engines
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Will the Minister of ENVIRONMENT, FORESTS AND CLIMATE CHANGE be pleased to state:

(a) whether it is a fact that diesel train engines are producing more air pollution;
(b) if so, the details thereof; and;
(c) the steps being taken by the Government to reduce pollution from diesel operated train engines?

Answer

MINISTER OF STATE (INDEPENDENT CHARGE) FOR ENVIRONMENT, FOREST AND CLIMATE CHANGE

(SHRI PRAKASH JAVADEKAR)

(a) & (b)Ministry of Railways has informed that in terms of pollutants emitted per unit of transportation produced, diesel train engines of Indian Railways are much less polluting than road vehicles in India.

(c) Dual fuel Diesel Electric Multiple Units (DEMU) trains have been introduced with CNG and diesel fuels. To reduce fuel consumption, Indian Railways have started blending of 5% Bio-Diesel with diesel for train engines. Specific Fuel Consumption of diesel train engines have brought down by 42% (Goods) & 28% (Passenger) services since 1970-71. Steps have also been taken to further reduce fuel consumption by diesel engines. Loco Pilots have been imparted training on good driving techniques and instructed to shutdown the engine when detention of trains exceeds more than 30 minutes. A mobile emission test car has been commissioned at Research Design Standards Organisation, Lucknow for measuring emission level of diesel engines.

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